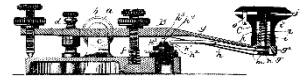




Bexar Wire

San Antonio Radio Club
W5SC



2016, No. 12

December 2016



Bob Rodriguez, K5AUW, making a presentation on PSK31 at the SARC meeting on October 13, 2016



Harold Fleischer, AE5AS, President, SARC, presenting Bob Rodriguez, K5AUW, a Program Certificate of Achievement for his excellent presentation

PSK31

At the 7:00 p. m. on Thursday, November 13, 2016, at Grady's Barbeque, the program was on PSK31. Bob Rodriguez, K5AUW, was the presenter for this program.

Bob, K5AUW, had PSK31 set-up with a radio and a laptop computer like he would have it in his radio shack or in the field. His laptop computer was, in turn, connected to a video projector that displayed whatever was on the computer screen on a projection screen for members in attendance to see. PSK31 is a digital communications technique that uses a computer to see what is happening on the frequency band in question. The Ham operator is then able to pick a Ham operator transmitting CQ to then establish a conversation. A microphone is not used with PSK31. The utilization of spectrum is very efficient and the digital protocol makes the transmission process somewhat forgiving. As with most digital transmissions, it either all gets through or it doesn't. Analog transmission strength attenuates or gets weaker over distance. When the distance is too great with digital transmission to detect, it just stops.

PSK31 was one of the two digital transmission methods that Bob, K5AUW, used during Field Day 2016. It was one of the basis's for claiming digital contacts during Field Day 2016.

Harold Fleischer, AE5AS, President, presented Bob, K5AUW, with a Program Certificate of Achievement after his presentation.

Radio Fiesta 2017

Our next club meeting will be at 7:00 p. m. on Thursday, Jan 12, 2017, at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216. There will not be a program. Instead a review of Radio Fiesta 2017 preparations will be conducted, especially work assignments and key times during Friday & Saturday, Jan 13-14, 2017. Radio Fiesta is open 8 am to 2 pm on Jan 14, 2017.

NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
12	R		AE5AS		San Antonio, TX		Dec.

W5SC

A portrait of a middle-aged man with short, light-colored hair, wearing glasses and a white collared shirt. He is looking directly at the camera with a neutral expression. The background is slightly blurred, showing some colorful objects.

Harold

Minutes

7:02 p. m., November 10, 2016

Grady's BAR-B-Q, 327 E. Nakoma Dr., San Antonio, TX 78216

Call to Order

Introductions of all present.

Program – Bob Rodriguez, K5AUW, PSK31, which ended at 7:45 p. m.

Agenda Review

Approval of Minutes of the Last Meeting

Officer Reports:

President

I talked with Joe Bruno, W5AUQ, at 4:23 p.m., and he said that he is doing “peachy”. He is in the rehabilitation unit at Northeast Baptist Hospital although he may be moved to a different rehabilitation facility next week.

Appointments

Need a Newsletter Editor

I worked with Mike Check on the Yahoo Group as it now has a more descriptive monthly meeting reminder.

Vice President – Future Program: There will not be a program in December 2016 because we will not be meeting in December. There will not be a program in January 2017 as that will be mostly Radio Fiesta 2017 final preparations. The program for the February 2017 meeting should be announced at the January 2017 meeting.

Secretary – He is ill, which is why he is not here. No correspondence matters. Key documents are being assembled with respect to Governance.

Treasurer – Financial Report.

Newsletter Editor - November 2016 newsletter was sent out by Rowena Archer on Nov 7, 2016.

Webmaster – Priority to posting meeting announcement and newsletter.

Chairman of the Board Report –Bob Rodriguez, K5AUW, announced that Field Day 2016 lessons learned still need further review by the Board.

Committee Reports

Education and Training – Bob Rodriguez, K5AUW, reported that the Extra Class is planned for early next year on Saturdays: Jan 8, 2017 and Feb 4, 11, & 18, 2017. The hours are 9 a. m. to 5 p. m. each day. The location is Kingman room in the Christa Santa Rosa Medical Center Hospital. The cost is \$15 and that is for the license exam on the last afternoon. He has a handout available about it.

Emergency Communications –JC Smith, N5RXS, submitted a verbal negative report before the meeting since he could not be here tonight.

Executive – No meetings since last month and none planned for immediate future.

Field Day - Joe Bruno, W5AUQ, is ill and is still recovering.

The Bexar Wire covered what was done without him to move the equipment from the storage site off of Patricia to Joe's Garage. Everyone who worked on it did it with the idea of relieving Joe and his wife with the burden of moving it.

- Lew Archer and Harold Fleischer bought the shipping. Along with Rich Roudebush, they then erected it.
- Rodney Brown, Richard Elder, Harold Fleischer, Cray Lester, and Rich Roudebush then moved 90 plus percent that same day.

- Richard Elder, Harold Fleischer, and Scott Koehler, a friend of Harold's with a pickup truck hitch, moved the trailer, tower, antenna parts, and shelving another day in about 2 hours.
- Rowena Archer took care of letting the operator of the old storage unit that we had vacated.

Harold Fleischer expressed his appreciation to everyone who helped get this done and let Joe focus on his health.

Finance and Review – Inactive until next January.

JOTA – Bob Rodriguez, K5AUW, announced JOTA was held at the Texas Transportation Museum Saturday, Oct 15, 2016, and it was a big success. We had over twice as many Scouts as compared to last year. Two radios with antennas were used. Effort was put into teaching Scouts to answer questions in complete sentences and to ask them in complete sentences to get conversations on radios to work. We are planning to go back to TTM.

Membership – Tom O'Brien reported the number of 2016 members is 104.

He had nothing new to report on his work for the new procedure he was working on to obtain each month's new ham list.

Radio Fiesta – There has been two change on the dealer front. One dealer responded for two tables. I reached a verbal commitment with Main Trading Company to take 10 tables at our show at 4:14 p.m. today. An exchange of emails is planned for tomorrow. More follow-up is needed with other dealers.

Invited people have not all responded. AARO and QCWA are still shown as outstanding.

JC Smith finished putting together the program and turned it in.

Pat Knight with help from Richard Elder got the Schertz Library for VE Testing on Nov 1, 2016.

The flyer to be mailed in November 2016 is been done. A copy was passed around for the members to see.

An Excel address file has been requested from ARRL. They have acknowledged receipt and we should see it in a week or so. This is based on 3 digit zip code areas. We are asking for 6 which cover about a 100 circle around San Antonio.

The flyers should be mailed shortly before Thanksgiving.

Samuel Clemens Cheer Booster will be the concessionaire again this year. They will serve between 7 am and 2 pm.

Raffle prize plan is 1st Prize (1) Alinco DX-SR8T 100w HF All Mode Transceiver, 2nd Prize (1) Alinco DR-135TMKIII 2 Mobile Transceiver, and 3rd Prize (2) Baofeng UV-FR Dual Band HT. The planned source is Main Trading Company for the Alinco radios. Amazon might be the source for the Baofeng HTs.

A staffing plan for all positions has been set up with some exceptions. Programs will have their own plan and schedule. VEs will have their own plan and schedule. The plan covers the night before setup period as well. The staffing plan was than passed out so members could begin signing up to help.

VEC – The next regularly scheduled session is 12:00 p. m. on January 14, 2017 at the Schertz Library as a part of Radio Fiesta.

Centennial Commemoration (Temporary) - Tom O'Brien, AB5XZ had nothing new to report this month.

CW Training (Temporary) – No report because Joe Bruno, W5AUQ, is absent due to illness.

Nominating – Lew Archer, W0YVY, reported that they have a slate of four one-year elected officers and one five-year Director to fill. The nominees are:

For President: Harold Fleischer, AE5AS

For Vice President: still open

For Secretary: Bob Thompson, K5RWT

For Treasurer: Brad Crabtree, W5FRQ

For Director through 2021: Pat Knight, AD5XZ

I move that the Nominating Committee report be accepted and all candidates be declared as nominated for the positions stated in the report. There being no objections the motion was passed by unanimous consent.

Old Business - None

Nominations from the Floor for each office were requested and none were received.
Officers were declared elected without objection by unanimous consent.

Announcements For The Good of Amateur Radio (1 minute maximum per announcement)

Richard Elder, WB5ACN, announced that he has two Baofeng BF-666S radios that he can sell to interested members. He also has frequency plan for them. He also has some earphones and microphones for them. In addition to that he has some bags for cell phones and butt connectors to give away.

Ken Nichols, KD3VK, made a brief announcement about the results of an Emergency Exercise with the Texas Department of Safety that involved CERTS, ARES, lots of radio equipment, and 20 Hams. It included Emergency Operations Centers and Public Safety Answering Points.

This Friday is Veterans Day and there is a special events site for it.

Richard Elder, WB5ACN, said that there was a Texas MARS CommEx using the 60m band on 26 Oct 2016.

Cray Lester, K5MUG, asked if anyone had a MC1X Automobile Antenna Magnetic Mount connector. Cray Lester, K5MUG, also had some electronic Key Touch Paddles for sale for \$65.00.

Adjournment at 8:52 p. m.

Rodney Brown, AA5RB
for
Lloyd Swartz, KF5ZHW
Secretary

Consignments for Radio Fiesta 2017

SARC will have some Club Tables with items for sale. SARC has several donated items (see article *Amateur Radio Equipment Donations* in this **Bexar Wire** newsletter) that it will be selling on these tables. SARC will also accept items for consignment from its members for sale on this table with the understanding that a ten (10) percent commission will be donated to SARC for every sale from this table.

SARC members may bring items for sale from this table either Friday evening, January 13, 2017, between the hours of 4:00 p.m. and 7:00 p. m. or Saturday morning, January 14, 2017, between the hours of 6:30 a. m. and 8:00 a. m. You should bring a list of the items for sale with (1) Nomenclature sufficient to identify the item, (2) Marked Price, and (3) Reserve Price. Thumbnail pictures like in the *Amateur Radio Equipment Donations* article are recommended. It would be helpful if each item was tagged with the nomenclature employed on the list of items and its marked price. The reserve price can *best obtainable*, which the SARC Club Table Seller will interpret as anything they can get for the item if it is at least \$1.00. The SARC Club Table Seller will use the difference between Marked Price and Reserve Price as a range within to negotiate a sales price.

You may pick up any unsold items and any funds received from sales at 1:00 p. m. on Saturday, January 14, 2017.



ARRL – AFFILIATED EVENT

Radio Fiesta 2017

The San Antonio Radio Club's Amateur Radio Fiesta 2017 is now 39 days away on January 14, 2017.

The dealer commitment is now five. This static situation got some telephone time a week or so before Thanksgiving. Calls and emails are now coming in as dealers realize how close Radio Fiesta 2017 is. More time will be spent on the telephone before Christmas with dealers.

When it comes to invitations, we still have seven responses. Nothing has been heard from AARO and QCWA although they were suppose to have been in process last month. If they respond in time to assign them table space, fine. If not, no one on the Radio Fiesta Committee is currently running after them.

The Program flyer went out just after Thanksgiving to 5,857 addresses. The list from ARRL had over 8,000 so it was limited to 780, 781, 782, and 787 for the most part. This covers the Greater San Antonio Metropolitan Area and Austin. One five-digit zip code was added from 788 for Hondo. Eleven five-digit zip codes were added from 786 covering areas north of San Antonio to Johnson City and then east to Austin as well as towns between San Antonio and Austin along I35. This gives us a circle around the Alamo of roughly 75 miles. In comparison to last year, we are spending about the same on printing and postage. We offer discounts on General Admission for pre-registration and those who pre-register can get flea market tables at the same time instead of hope we have some at the door. Discounted membership is offered in SARC is also offered (\$12 versus \$15).

Harold Fleischer, AE5AS, and Rowena Archer, KF5JCZ, visited the Schertz Convention Center. The convention center fee was paid at that time. A walk through was done. The point of contact is the same as last year and support during execution should be just as good.

What is the most important thing that you can do as a member of SARC for Radio Fiesta 2017?

ANS: Sign up on the work assignment sheets. Some members signed up at the last meeting and some have since made commitments. Where SARC still needs a lot of help is in Bob Rodriguez, K5AUW, area: Tailgating and Main Hall Door Security. Also, opportunities exist during setup on Friday evening. If you can take one or two shifts, it will help a lot. Just email ae5as@swbell.net as to what shifts you want to work. All volunteers get free admission including one raffle ticket. As for specific slots still open on the Work Assignment list, see the last two pages of this newsletter.



EXTRA CLASS COURSE

Where: Christus Santa Rosa Medical Center Hospital, 2827 Babcock Rd

(West of the Medical Center, between Medical Drive. and Hamilton-Wolfe Rd.), in the Kingman room. (As you go in the main entrance, turn right past the information desk. The room is at the end of the hall.)

When: Saturdays, January 28, February 4, 11, and 18, 2017, 9AM to 5PM. Attendees should attend all four sessions. The Expert Amateur License Test will be given Saturday, February 18th at 3PM.

Cost: \$15 for license exam by Volunteer Examiners



Recommended study material: Gordon West, W5YI Extra Class Book. (Available at www.w5yi or 1-800-669-9594. Cost, about \$30)

For additional information, please contact Bob Rodriguez at (210) 887-6618 or bobrod@flash.net

Field Day 2016 Results



ARRL has published the Field Day 2016 Results in their *QST* magazine's December 2016 issue. SARC participated as a Class 4A, which meant we had up to four (4) simultaneous transmitters in addition to GOTA and VHF/UHF transmitters operating on emergency power. We also reported that our power multiplier was a 2 meaning we were operating with less than 150 watts of power,

The official statistics show 278 QSOs. What SARC logged may have been more, but what was matched in submitted logs was 278 QSOs. We showed 18 participants and a total of 1,870 points. SARC's point totals were helped by things like contacts with local government, information table, GOTA, etc.

There was a total of 132 Class 4A entries overall. SARC was 1 of only 2 from the South Texas Section. SARC was 95th in Class 4A. Some Class 4A submissions had over a hundred participants and thousands upon thousands of QSOs. They appeared to be optimized to always keep their transmitters hot. SARC obviously had different priorities in that SARC was interested in such things as eating, sleeping some, introducing each other to new modes of operation, etc.

Next License Test on Saturday, January 14, 2017



Pat Knight, AD5BR, Chairperson, Volunteer Examination Committee, and several the members of that committee will be conducting amateur radio license examines on Saturday, January 14, 2017, as a part of Radio Fiesta 2017. The test session will start at 12:00 noon at the Schertz Library. This test session is open to the public although pre-registration is encouraged.

Yahoo Groups

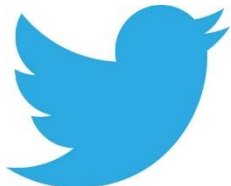


SARC has had a Yahoo Group for a number of years now. Its name is W5SC.

W5SC is being used to publicize SARC business meetings. It can be used for other things like promotion of VEC testing and classes. Members of the W5SC Yahoo Group can and have asked each other technical questions or sought assistance.

W5SC is a closed group. To become a member, go to groups.yahoo.com. (You may need to have a Yahoo account.) This will take you to a website where your groups, if any, are shown with a Search Group box at the top. Enter W5SC. This will take you to the search results page with W5SC on it. Select W5SC to go to the W5SC Yahoo Group. You will then need to select + *Join Group*. This generates a message. SARC members can expect approval to join the W5SC in probably less than 24 hours.

SARC Tweets



Reminder: there are two active Twitter accounts for the San Antonio Radio Club. They are @SARadioClub and @ARadioFiesta.

The @SARadioClub is being used to publicize SARC meetings. It can be used for other things like promotion of VEC testing and classes.

As Radio Fiesta 2017 work has commenced, the @ARadioFiesta is being used again for the January 14, 2017 Radio Fiesta.

SARC members are encouraged to follow both Twitter accounts.

SARC Facebook



There is a San Antonio Radio Club – SARC (@saradioclub) Facebook Page.

The newsletter editor is making posts about SARC meetings and other activities. Any Officer, Committee Chairperson, or member who believes that they have information that should be posted to this page should contact the newsletter editor using the contact information for the newsletter editor on page 2 of this newsletter.

SARC members are encourage to follow this Facebook Page.

Amateur Radio Equipment Donation

SARC received the following items over the last year with the prices shown being the estimated value with eBay being a prime source for the value:

Hammarlund HF+-6M Radio Receiver Model Number HQ-110 16.5" W x 9.5" H x 9.5"D	\$160
Speaker, 9" W x 9" H x 7.25" D, goes with Hammarlund Radio	\$50
Drake 2M Radio Transceiver TR22 SN 450681 %.25" W x 2.25" H x 7.25 D w/ Microphone on Coiled Cord	\$50
Hallicrafters Transmitter Model HT-40 SN 102117 13.25" W x 7.25" H x 8.5" D	\$100
Antenna, Steel Whip on Spring Mount Base 50" L PL-239	\$10
EICO In Circuit Capacitor Tester Model 955 SN 13007 .1-50 MFD 5.75" W x 9.5" H x 5.5" D	\$25
Micronta 43-Range Multitester 5.25" W x 6.5" H x 2.5" D in box w/ instructions w/ Black and Red Test Probes	\$25
Knight P-2 SWB/Power Meter with Connected Transmission Line Interface Box	\$25
Eico Grid Dip Meter Model 710 6.75" W x 2.25" H x 7" D w/ Box of Plug In Coils for various Frequencies	\$35
Frequency Plugs, Various, 10 total	\$10
Straight Key mounted on heavy steel base with plug cord	\$25
Type CRP-53198 RF Filter Assembly	\$10
Honey Galvanometer 2420A (2 each)	each \$15

The following are pictures of this equipment:



Hammarlund HQ-110



Hammarlund Speaker



Drake 2M TR22



Hallicrafters HT-40



Base of Whip Antenna



Eico Model 955



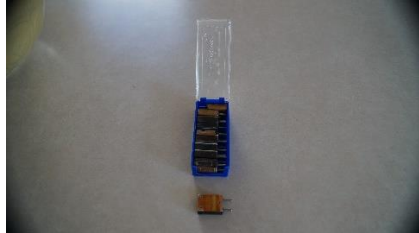
Micronta 43-Range Multitester



Knight P-2 SWB/Power Meter



Eico Grid Dip Meter Model 710



Frequency Plugs, 10 ea, Various



Straight Key on Heavy Base

Type CRP-53198 RF Filter Assembly



Type CRP-53198 RF Filter Assembly



Honeywell Galvanometer 2420A

There are some other pictures available and of course the original picture files with a lot more resolution. The newsletter editor can provide these pictures upon request.

SARC has determined that as a club SARC cannot use any of this equipment. It is being offered to SARC members now **AS IS**. *It has not been tested so its condition is unknown.* While SARC officers have a duty to not give away equipment that has a value, they recognize that the estimated values shown are just that. At the same time, the donation was made to SARC to try to maximize the potential for the equipment to get used by another Ham. A member should make their offer to the President of SARC who is inclined to agree to any reasonable offer considering the buyer will be taking it **AS IS**. You can contact the President through the editor whose contact information is shown on page 2 of this newsletter.

Any donated amateur radio related equipment on hand by the time Radio Fiesta rolls around on January 14, 2017 will be offered for sale at Radio Fiesta.

2017 ORANGE HAMFEST

HOSTED BY
ORANGE AMATEUR RADIO CLUB
AND
JEFFERSON COUNTY AMATEUR RADIO CLUB

Saturday, February 25th, 2017
7:30 AM to 2:00 pm
Orange County Convention & Expo Center
11475 FM 1442
Orange, Texas 77632

For more information go to <http://www.qsl.net/w5nd/>

SARC has a website:

w5sc.org

Webmaster: David Espinoza W5QS
W5qs@att.net
 210-287-5036

Amateur Radio License Classes

An Amateur Extra Course will be held on Jan 28, 2017 and Feb 4, 11, and 18, 2017 at Christus Santa Rosa Medical Center Hospital from 9 a.m. to 5 p.m.
 For more information, contact:
 Bob Rodriguez K5AUW
 Instructor

SARC Meeting Dates for next 12 Months

December (None)
 January 5, 2017
 February 9, 2017
 March 9, 2017
 April 13, 2017
 May 11, 2017
 June 8, 2017
 July 13, 2017
 August 10, 2017
 September 14, 2017
 October 12, 2017
 November 9, 2017

Meetings are held at Grady's Barbeque, 327 E. Nakoma Dr., San Antonio, TX 78216 at 7:00 p. m.

Come early and eat with other members coming early.

License Testing Dates for 2016 and early 2017

January 14, 2017
 February 25, 2017
 April 22, 2017
 June 22, 2017
 August 26, 2017
 October 28, 2017

Times and locations along with required document information can be found on SARC's website.

SARC does all its licensing testing as a part of ARRL Volunteer Examiner Coordinator (VEC) organization so all the Volunteer Examiners in SARC are duly authorized Volunteer Examiners of ARRL's VEC.

Field Day 2017

Setup: Friday, June 21, 2017
 Operations: Saturday, June 22, 2017
 & Sunday, June 23, 2017

Where SARC proves they are an eating group with a radio problem.

More information to follow, but hold these dates.

JOTA

Boy Scout Jamboree On The Air

This year's date is Oct 21, 2017. The plan is to again hold it at the Texas Transportation Museum.

For more information, contact:
 Bob Rodriguez, K5AUW

Radio Fiesta 2017

January 14, 2017
 Schertz Civic Center
 See newsletter article for more information

Emergency Communications

If you are interested in emergency communications, contact:
 JC Smith N5RXS

Work Assignments

Pre-Vendor Arrival Check
3:00 p. m. 1. Harold Fleischer 2. Rodney Brown

Vendor Check-In and Set-up		
Chair: Harold Fleischer		
Vendor Check In		
4-6:00 pm	6-8:00 pm	8-9:00 pm
1. Harold Fleischer	1. Harold Fleischer	1. Harold Fleischer
Rear Door Security		
4-6:00 pm	6-8:00 pm	8-9:00 pm
1. Rodney Brown	1. Rodney Brown	1. Rodney Brown
2. Mike Harrison	2.	2.
Float Security		
7-9:00 am	9-11:00 am	11:00 am – 1:00 pm
1.	1.	1.

